Subject Index

A

ABGee!, 231
ABG's, 152
Administration
  of community health nursing, 175
  development of nursing information system and, 94
  spreadsheets in, 214
American Association of Critical Care Nurses (AACN), 4
American Journal of Nursing Company, 40
Amy, 231
Analyzer, The, 24
Apple Computer, Inc., 125
Ash Medical, 167

B

Backaid Software, 152
BAK-PAK, 42
BEAM, 166
Black Box Basic Buffer, 86
Book Review, *What every nurse should know about computers*, 73
Burke Rehabilitation Center, 42

C

Capitation, 89
Cardio-Mega system, 166
Care plans, expert system to generate, 140
CLINFO, 112
Clinical Research System for Personal Computers, 24, 231
CliniCare Bedside Information System, 41
CliniCom, Inc., 87
Coding, 89
Community health nursing, managing, 175
Computer assisted care, at bedside, 132
Computer assisted instruction
  designing simulations and, 219
  in diabetes management and education, 181
Computer Assisted Learning Lab (CALL), 4
Computer-based instruction (CBI), evaluation research in, 128
Computer Program on Breastfeeding, 152
Computer simulations
  for continuing education, 208
  designing, 219
Computers in Nursing: A Dynamic Interface, 41
Computer training
  for hospital information system, 6
  for student nurses, 15
Computing Dosages, 112
Confidentiality, computerized information systems and, 99
Consultant Medical Records System Version 2.0, 152
Consumer Health Services, Inc., 4
Continuing education
  computer simulation for, 208
  using and developing computer-based instructional materials in, 59
Continuous S_5O_2 Monitoring: A Tool for Clinical Management. Part 1: Concepts and Applications, 152
Critical Care Calc, 152
Critical Care Medicine—Diagnosis and Management of Patients with Acute Myocardial Infarction and its Complications, 24
Cuyahoga Falls General Hospital, 167

D

Danny Wong, 231
Decision support systems, 105
  in diabetes management and education, 181
Defining Skin Lesions, 112
Diabetes management and education, computer applications in, 181
Diagraph, 233
Direct Link, 166
Disk drive, hard, adding to system, 29
Disk Optimizer, 117
Dr. Ruth's Game of Good Sex, 152
Drug Interactions (version 2.0), 112
Drug Master, 112

E

ECG Primer, 231
Education. *See* Continuing education; Nursing education
Electronic Drug Reference Version 1.0, 112
Electronic Medical Reference (version 2.0), 112
Electronic Surgical Reference, 112
Ellen Peterson, 231
EMERGE, Emergency Department Classification and Information System, 192
Emergency Center Data System, 112
Enterprise Systems, Inc., 41
Ethics
  automated personnel data and, 171
  computerized information systems and, 99
Everybody's Planner, 192
Expert system, to generate nursing care plans based on nursing diagnoses, 140

F

Faculty, preparing to use and develop computer-based instructional materials, 50

G

GENESIS1, 152
Genesis Business Systems, Inc., 125
Grading, subjective, use of computer as tool for, 186
Grant application strategies, for computers, 20
Graphics, summary of complex observational data and, 50
GTE Corporation, 125

H

Hard disk, adding to system, 29
HDtest, 157

Subject Index

A

ABGee!, 231
ABG's, 152
Administration
  of community health nursing, 175
  development of nursing information system and, 94
  spreadsheets in, 214
American Association of Critical Care Nurses (AACN), 4
American Journal of Nursing Company, 40
Amy, 231
Analyzer, The, 24
Apple Computer, Inc., 125
Ash Medical, 167

B

Backaid Software, 152
BAK-PAK, 42
BEAM, 166
Black Box Basic Buffer, 86
Book Review, *What every nurse should know about computers*, 73
Burke Rehabilitation Center, 42

C

Capitation, 89
Cardio-Mega system, 166
Care plans, expert system to generate, 140
CLINFO, 112
Clinical Research System for Personal Computers, 24, 231
CliniCare Bedside Information System, 41
CliniCom, Inc., 87
Coding, 89
Community health nursing, managing, 175
Computer assisted care, at bedside, 132
Computer assisted instruction
  designing simulations and, 219
  in diabetes management and education, 181
Computer Assisted Learning Lab (CALL), 4
Computer-based instruction (CBI), evaluation research in, 128
Computer Program on Breastfeeding, 152
Computer simulations
  for continuing education, 208
  designing, 219
Computers in Nursing: A Dynamic Interface, 41
Computer training
  for hospital information system, 6
  for student nurses, 15
Computing Dosages, 112
Confidentiality, computerized information systems and, 99
Consultant Medical Records System Version 2.0, 152
Consumer Health Services, Inc., 4
Continuing education
  computer simulation for, 208
  using and developing computer-based instructional materials in, 59
Continuous S_5O_2 Monitoring: A Tool for Clinical Management. Part 1: Concepts and Applications, 152
Critical Care Calc, 152
Critical Care Medicine—Diagnosis and Management of Patients with Acute Myocardial Infarction and its Complications, 24
Cuyahoga Falls General Hospital, 167

D

Danny Wong, 231
Decision support systems, 105
  in diabetes management and education, 181
Defining Skin Lesions, 112
Diabetes management and education, computer applications in, 181
Diagraph, 233
Direct Link, 166
Disk drive, hard, adding to system, 29
Disk Optimizer, 117
Dr. Ruth's Game of Good Sex, 152
Drug Interactions (version 2.0), 112
Drug Master, 112

E

ECG Primer, 231
Education. *See* Continuing education; Nursing education
Electronic Drug Reference Version 1.0, 112
Electronic Medical Reference (version 2.0), 112
Electronic Surgical Reference, 112
Ellen Peterson, 231
EMERGE, Emergency Department Classification and Information System, 192
Emergency Center Data System, 112
Enterprise Systems, Inc., 41
Ethics
  automated personnel data and, 171
  computerized information systems and, 99
Everybody's Planner, 192
Expert system, to generate nursing care plans based on nursing diagnoses, 140

F

Faculty, preparing to use and develop computer-based instructional materials, 50

G

GENESIS1, 152
Genesis Business Systems, Inc., 125
Grading, subjective, use of computer as tool for, 186
Grant application strategies, for computers, 20
Graphics, summary of complex observational data and, 50
GTE Corporation, 125

H

Hard disk, adding to system, 29
HDtest, 157

Healthcare, summary of complex observational data and, 50
Health Care Delivery System, 89
Health Care Productions, 41
Health histories, feedback on preparation of, 146
Hire Education, Inc., 204
Hospital information system, 6
Hospital Social Work Information System, The, 152

I

Inservice education, development of nursing information system and, 94
Instruction, *See* Computer-based instruction
Instructional Computing in Nursing Education, 124
Instructional materials, computer-based, preparing faculty to use and develop, 59
Intel 80386 chip, 157
I.V. Meds for Kids: Basic Nursing Procedures, 24

K

Key tronics KB 5151 keyboard, 29
KODAK DATASHOW System, 40

L

Lab Force, 86
Lawrence Weed's Problem Knowledge Couplers and Coupler Builder (Editor), 70
Legislation, computerized information systems and, 99
Library management, 225
Lifetime Health Monitoring Plan (LHMP), 231

M

Management, of library, 225
Master Drug Data Base, 112
MEDFINO, 86, 85
MedicalDisc Reporter, 5
Medical Management Planning, Inc. (MMP), 40
Medicare Statistical System, 89
Medicus Labor and Delivery Productivity and Quality System (LADPAQ), 192
Medicus Systems Corporation, 5
MediQual Systems, Inc., 86
MedTake, 204
MICRO Healthsystems, Inc., 43, 124
Microspeed, 42
Mr. Burke, 231

N

NameTags Plus, 231
NEC V20, 74
Nursepro, 231
Nurses
  hospital information system and, 6
  maximization of satisfaction of, staff scheduling system and, 10
  student, computer users' course for, 15
NurseSearch, 85
Nursing
  community health, managing, 175
  computer applications in diabetes management and education and, 181
  computer assisted care in, 132
  computerized information systems and, 99
  decision support systems for, 105
  designing simulations and, 219
  development of nursing information system and, 94
  ethical issues in automating personnel data and, 171
Nursing administration
  of community health nursing, 175
  development of nursing information system and, 94
  spreadsheets in, 214
Nursing Care of the Client with Cirrhosis of the Liver, 115
Nursing diagnoses, expert system to generate nursing care plans based on, 140
Nursing education. *See also* Continuing education
  computer simulation for, 208
  computer users' course for student nurses and, 15
  designing simulations and, 219
  grant application strategies for computers and, 20
  guidelines for creating test question banks and, 65
  preparing faculty to use and develop computer-based instructional materials for, 59
  spreadsheets in nursing administration and, 214
  student feedback on preparing health histories and, 146
  use of computer as tool for subjective grading and, 186
  using and developing computer-based instructional materials in, 59
Nursing Examination Software (NERS), 27
Nursing informatics, in Netherlands, 235
Nursing information systems
  decisions and dilemmas in development of, 94
  hours of direct nursing care and, 46
Nursing Productivity and Quality System (NPAQ), 192
Nursing Research CAI, 154
Nursing Uses of Computers and Information Science, 205
Nursing workload, 46
Nutrition Management System, 112
Nutrition Wizard, 112

O

Observational data, graphic summary of, 50
OMNIFAX 9S, 166

P

Patient acuity, hours of direct nursing care and, 46
Patient Advice: Adults, 112
Patient care, computer assisted, 132
Patient Care Planning (PCP) System, 46
Patient classification, hours of direct nursing care and, 46
Patient Education, 112
Patient records, computer applications in diabetes management and education and, 181
Payroll costs, minimizing, staff scheduling system and, 10
Personnel data, automation of, ethics and, 171
Practice, development of nursing information system and, 94
PreCursor, 195, 233
Presbyterian Hospital (New York City), 126
Project to Redesign Information Systems Management (PRISM), 89
Prospective payment, 89

Public health nursing,
distribution of resources and, 175

Q

QuadSprint, 194
Quality of care, 89
QuickSave, 205

R

Research
evaluation, in computer-based instruction, 128
student feedback on preparing health histories and, 146
summary of complex observational data and, 50
RxDx Series
Arrhythmias—Case Studies in management, 24
Arrhythmias Tutorials I and II, 24
Arterial Blood Gases, 24
CPR Training by Computer, 24
Digitalis—Pharmacology and Clinical Use, 24
Hypertension Management, 24
Hypertensive Emergencies, 24

S

San Francisco Veterans Administration Medical Center, 207
SASHA, Inc./Software Care Management Systems, Inc., 5
Seagate STT 225, 29
Security, computerized information systems and, 99
Simulations
for continuing education, 208
designing, 219
SK & A Research, Inc., 167
Smart Start, 112
Software Carousel, 117
Software Exchange
ABGee!, 231
ABG's, 152
Amy, 231
Backaid Software, 152
CLINFO, 112
Clinical Research System for Personal Computers, 24, 231
Computer Program on Breastfeeding, 152
Computing Dosages, 112
Consultant Medical Records System Version 2.0, 152
Continuous S_pO_2 Monitoring: A Tool for Clinical Management. Part 1: Concepts and Applications, 152
Critical Care Calc, 152
Critical Care Medicine—Diagnosis and Management of Patients with Acute Myocardial Infarction and its Complications, 24
Danny Wong, 231
Defining Skin Lesions, 112
Dr. Ruth's Game of Good Sex, 152
Drug Interactions (version 2.0), 112
Drug Master, 112
ECG Primer, 231
Electronic Drug Reference Version 1.0, 112
Electronic Medical Reference (version 2.0), 112
Electronic Surgical Reference, 112
Ellen Peterson, 231
EMERGE, Emergency Department Classification and Information System, 192
Emergency Center Data System, 112
Everybody's Planner, 192
GENESIS1, 152
I.V. Meds for Kids: Basic Nursing Procedures, 24
Lifetime Health Monitoring Plan (LHMP), 231
Master Drug Data Base, 112
Medicus Labor and Delivery Productivity and Quality System (LADPAQ), 192
Mr. Burke, 231
NameTags Plus, 231
Nursepro, 231
Nursing Productivity and Quality System (NPAQ), 192
Nutrition Management System, 112
Nutrition Wizard, 112
Patient Advice: Adults, 112
Patient Education, 112
RxDx Series: Arrhythmias Tutorials I and II, 24
RxDx Series: Arrhythmias—Case Studies in Management, 24
RxDx Series: Arterial Blood Gases, 24
RxDx Series: CPR Training by Computers, 24
RxDx Series: Digitalis—Pharmacology and Clinical Use, 24
RxDx Series: Hypertension Management, 24
RxDx Series: Hypertensive Emergencies, 24
Smart Start, 112
Streptokinase-Thrombolytic Therapy for the Acute Myocardial Infarction Patient, 152
TEXPERTISE II, 152
The Analyzer, 24
The Hospital Social Work Information System, 152
TLC General Hospital: A Simulated Patient Information System, 231
VISION: Nursing Systems Database, 112
VISION: ScheduleMaster, 112
VISION: Staffing/PT Class, 112
Welcome!, 192
Your Personal Weight Loss & Nutrition Center, 24
Software Reviews
Nursing Care of the Client with Cirrhosis of the Liver, 115
Nursing Research CAI, 154
PreCursor, 195
Lawrence Weed's Problem Knowledge Couplers, 70
Nursing Examination Software (NERS), 27
Sandra Smith's Computer Review for NCLEX, 27
Sponsored Programs Information Network (SPIN), 87
Spreadsheets, in nursing administration, 214
Staff scheduling system, 10
Standardization, 89
Stichting Meducatie, 127
Streptokinase-Thrombolytic Therapy for the Acute Myocardial Infarction Patient, 152
Subjective grading, use of computer as tool for, 186
Systems Check
adding hard disk to system, 29
Disk Optimizer, 117
HDtest, 157
Intel 80386 chip, 157
Key tronics KB 5151 keyboard, 29
NEC V20, 74
QuadSprint, 194

Seagate STT 225, 29
Software Carousel, 117
XT-NO-SLOT-CLOCK, 74

T

TC-FLEX Software, 87
Testing
  guidelines for creating test question banks and, 65
  use of computer as tool for subjective grading and, 186
TEXPERTISE II, 152
TLC General Hospital: A Simulated Patient Information System, 231
Travenol, 87

U

University of Texas School of Nursing, 165
User Viewpoint, Z181, 199

V

VISION: Nursing Systems Database, 112
VISION: ScheduleMaster, 112
VISION: Staffing/PT Class, 112

W

Welcome!, 192
What every nurse should know about computers, 73
Women Computing, 165
Word processing, student feedback on preparing health histories and, 146

X

XT-NO-SLOT-CLOCK, 74

Y

Your Personal Weight Loss & Nutrition Center, 24

Z

Z181, 199

Author Index

A
Albrecht, C. A., 46

B
Barhyte, D. Y., 171
Bloom, K. C., 140
Bratt, E. M., 146

D
Dooling, S. L., 219

F
Farrell, L. Y., 10
Fitzpatrick, T., 10

G
Graves, J. R., 225
Greipp, M. E., 20

H
Hansen, M. F., 50
Howard, E. P., 208

J
Johnson, D., 94

K
Kerpelman, K. B., 175
Kosidlak, J. G., 175

L
Lange, L. L., 214
Larson, C. E., 186
Leitner, J. E., 140
Lentz, K. E., 15

M
MacDonald, F., 181
Mark, B. A., 214
McPhillips, R., 89
Murphy, M. A., 59

O
Ozbolt, J. G., 105

P
Plummer, C. A., 6
Pridham, K. F., 50

R
Richter-Zeunik, M., 10
Rizzolo, M. A., 65
Romano, C. A., 99

S
Soja, M. E., 15
Solano, J. L., 140
Stephenson, G. R., 50

T
Tsui, P., 50

V
van Bemmel, J. H., 132
Vockell, E. L., 146

W
Warnock-Matheron, A., 6